

Chandan Gulati

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Professional Summary

Motivated Computer Science Engineering undergraduate skilled in MERN Stack, Cloud Computing, and Data Structures & Algorithms. Experienced in building full-stack web applications using React.js, Node.js, Express.js, and MongoDB. Strong foundation in REST APIs, cloud deployment, problem-solving, and scalable software development.

Technical Skills

Languages: Java, Python, C++, JavaScript

Frontend: React.js, HTML5, CSS3, Tailwind CSS

Backend: Node.js, Express.js, REST APIs, JWT

Database: MongoDB, SQL

Cloud/Tools: AWS, Git, GitHub, Docker, Kubernetes, Postman

Core: DSA, DBMS, OS, CN, OOP

Experience

Frontend Developer Intern

May 2025 – June 2025

Prodigy Infotech

- Developed responsive web applications using React.js, HTML, CSS, and JavaScript.
- Integrated REST APIs for dynamic data rendering and seamless user interactions.
- Improved UI/UX and optimized application performance.
- Built reusable frontend components for scalability and maintainability.

Cloud Support Intern

Aug 2025 – Sept 2025

- Managed AWS EC2, S3, and VPC services for cloud infrastructure deployment.
- Configured networking, security groups, routing tables, and cloud resources.
- Resolved deployment and connectivity issues while improving infrastructure reliability.
- Applied AWS best practices for cloud security and scalability.

Projects

Quick AI Platform — MERN Stack, OpenAI API, Cloudinary

- Developed an AI-powered SaaS platform using MERN Stack serving 100+ users.
- Implemented article generation, blog writing, resume review, image generation, background removal, and object removal features using AI APIs.
- Designed and developed 10+ RESTful APIs using Node.js and Express.js for scalable backend operations.
- Implemented JWT authentication and role-based authorization for secure access control.
- Optimized MongoDB queries, reducing API response time by 40

SEO Tracker Application — MERN Stack

- Developed a MERN-based SEO analytics platform for keyword ranking and traffic monitoring.
- Integrated external SEO APIs to track 500+ keywords in real time.
- Designed interactive dashboards improving data visualization and reporting efficiency by 30
- Implemented MongoDB database management for efficient storage and retrieval of SEO metrics.

Cloud Infrastructure Deployment Using AWS

- Deployed cloud infrastructure using AWS EC2, S3, and VPC services.
- Configured networking, routing, and security policies supporting highly available deployments.
- Reduced deployment time by 40
- Applied AWS best practices to improve security, scalability, and resource utilization.

Certifications Training

- Completed a 6-week Summer Training Program in Python Programming and Object-Oriented Programming.
- Developed Python applications involving file handling, automation, and exception handling.
- Applied Data Structures, Algorithms, debugging, and optimization techniques to solve programming challenges.

Education

Maharishi Markandeshwar (Deemed to be University)

Bachelor of Technology (Computer Science and Engineering)

CGPA: 7.68/10

Expected 2027